

# Turning great ideas into positive health impact

Introduction to Eastern AHSN and  
our 2020-2023 business strategy



# Why we exist



Eastern AHSN was established by the NHS to convene all partners in the health sector to develop and deliver innovative solutions in health and care.

Our focus is the East of England, but we are part of a national AHSN network which enables us to deliver at scale.



## **Our purpose** is to turn great ideas into positive health impact

We believe that health is improved by great ideas, but great ideas only make an impact when they are put into practice.

Our health is too important to leave change to chance.

# Innovation and the NHS: shortening the time to value

Now more than ever is the time for the AHSN Network:

- We see opportunities and remove barriers
- We understand how to embed innovations into complex health systems
- We are working to create a single 'front door' to the innovation ecosystem

**Barriers can be:**

Perceptual

Cultural

Practical

Resource related



# What we do

Our job is to help innovators to navigate complex systems, generate value propositions and convene citizens, academia, health services and industry to overcome challenges together.

Through this work we help patients, health providers and citizens to realise the value of innovations quicker.

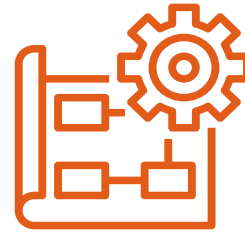
# From insight to implementation:



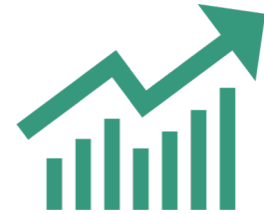
Insight



Idea

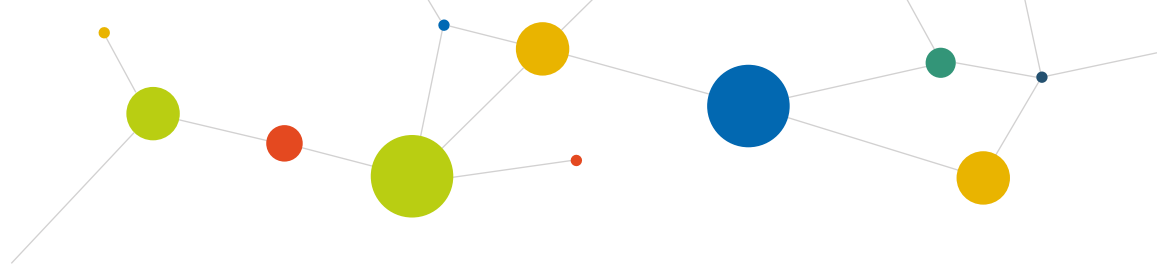


Implementation



Impact

# How we work



## Convene



**Citizens, academia, health services and industry will achieve more working together than they will in isolation.**

## Develop



**Health is improved by great ideas, but great ideas only make an impact when they are put into practice.**

## Deliver



**We deliver the national AHSN programmes and support the largest health and life sciences cluster in Europe, mobilising leaders and the community to embrace the future.**

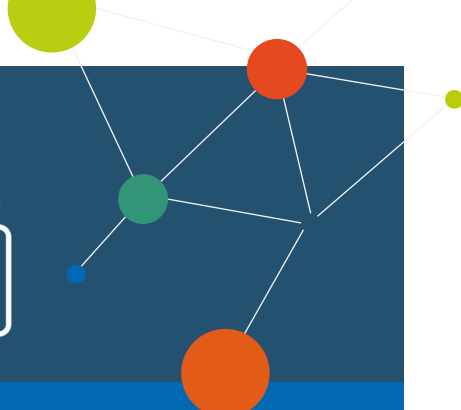
## 2018/19: snapshot

**>15,000**

people screened for AF

**>400**

cases of AF diagnosed and put  
onto stroke prevention measures



**23,401**

People  
benefitted  
from our  
programmes



**361**

innovators  
supported  
through NHS  
Readiness  
events and 1:1  
surgeries

**100%**

adoption of ChatHealth  
text support health advice  
service for young people  
in the Eastern region

**£460K**

funding injected  
into early-stage  
innovations  
in partnership  
with HEE



**10**

new patient  
and public voice  
partners trained  
to represent  
citizens needs



**1,824**

referrals via Electronic  
Medicines Optimisation  
Pathway, reducing the risk  
of medication errors and  
hospital readmissions

# Our region

The Eastern region is home to some of the greatest science and the most brilliant health and care practitioners in the world. We want our region to benefit from both, creating better health outcomes and more prosperity for everyone.

# Our region: a unique ecosystem where ideas make an impact

A UNIQUE ECOSYSTEM FOR RESEARCH AND DEVELOPMENT



WORLD-LEADING HEALTH AND TECH.



A PROSPEROUS AND GROWING REGION



A LARGE POPULATION WITH DIVERSE HEALTH NEEDS



A PROUD HISTORY OF INNOVATION



# Our priorities

Following consultation across our region, we have defined four priority areas of health need



# Our priorities



## Mental health

The NHS Long Term Plan sets out a welcome emphasis on improving mental health services.

## Cancer

Cambridge is a world-leading centre for the development of new treatments for cancer.

## Rare diseases and personalised medicine

The science of genomics has potential to pinpoint treatments for individual patients.

## Living and ageing well

It is widely acknowledged that the solution rests in supporting the older population to age well.

# We are working hard with our partners to unlock key enablers of change



## NHS workforce

Ageing workforce, insufficient numbers to meet rising and more complex demand

*Creating efficiencies so time is spent where it is needed most*



## Digital

Hugely varied pace of adoption of digital technologies across the NHS

*Electronic health records, health informatics, digital self-management tools*



## Public and patient involvement

Insufficient account of patients' ability to help design and manage their care

*Citizen science, crowd-sourcing, participatory appraisal, co-design*

Barriers

Potential solutions



# **Some of our impact stories**



## Little Journey, big success

**Invented by anaesthetist Dr Chris Evans, Little Journey is transforming the hospital experience for children.**

A VR headset enables children to visit the ward, anaesthetic and recovery rooms, interacting with staff and equipment, reducing anxiety through familiarity with the setting and plan for treatment.

Little Journey was first adopted in our region following one of events that helps connect innovators with experts to develop and pilot their ideas.

Eastern AHSN has provided additional funding to support greater functionality and content of the app.

# Positively affecting stroke prevention

**Every 15 seconds someone in the UK suffers an atrial fibrillation (AF) related stroke.** An anticoagulation therapy can reduce this risk but AF is under diagnosed and under treated.

Spanning the AF clinical pathway, our national and regional programmes focus on the three key areas of detect, protect and perfect.

We have supported clinical teams in the region to identify 8,622 new cases of AF and ensured 85.9% of eligible patients were prescribed appropriate medication to help prevent strokes.







## Preventing cerebral palsy

Despite NICE guidance that giving magnesium sulphate to eligible women delivering before 30 weeks of pregnancy can reduce the likelihood of the child getting cerebral palsy, uptake across the UK was very low (41% in East of England in 2016).

This national initiative aims to increase the number of eligible women given the supplement before they give birth.

Eastern AHSN began to roll out this national initiative from September 2018, all 11 maternity units in our region now have a lead midwife to raise awareness and train staff and magnesium sulphate is now given to 86% of eligible women our region.



## **Medic Bleep: Using technology to improve efficiency**

**We teamed up with West Suffolk NHS Foundation Trust to pilot the MedicBleep App – an alternative to out-dated pager technology.**

Our evaluation in this region showed the app could save junior doctors 48 minutes and nurses 21 minutes per day. This could equate to freeing up the equivalent of 18 full time nurses and 18 full time junior doctors per annum.

We are now supporting the adoption of the app across West Suffolk NHS Foundation Trust and beyond our region.





**Our purpose** is to turn  
great ideas into  
positive health impact

We believe that health is improved by great ideas, but great ideas only make an impact when they are put into practice.

Our health is too important to leave change to chance.

# Any questions?

